From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF TRANSMITTAL
OF COPIES OF TRANSLATION
OF THE INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY
(CHAPTER I OR CHAPTER II
OF THE PATENT COOPERATION TREATY)

(PCT Rules 44bis.3(c) and 72.2)

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Date of mailing (day/month/year) 08 February 2007 (08.02.2007)

Applicant's or agent's file reference 62173CT-697

International application No. PCT/JP2005/005962

IMPORTANT NOTIFICATION

International filing date (day/month/year) 29 March 2005 (29.03.2005)

Applicant

SHIMA SEIKI MANUFACTURING LIMITED et al

- 1. Transmittal of the translation to the applicant.
 - The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter I).
 - The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter II).
- 2. Transmittal of the copy of the translation to the designated or elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

EP, KR

The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

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3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability (Chapter II).

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Authorized officer

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TRANSLATION PATENT COOPERATION TREATY POTT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 62173CT-697		1	RTHER ACTION	See Form PCT/IPEA/416			
International ap		i	al filing date (day/month/year) 3.2005	Priority date (day/month/year) 31.03.2004			
D04B15,	tent Classification	n (IPC) or national classifi B15/90	cation and IPC				
Applicant SHIMA S	SEIKI MAI	NUFACTURING	LIMITED				
	-	national preliminary exam namitted to the applicant a	-	s International Preliminary Examining Authority			
2. This R	EPORT consists	of a total of 4	sheets, includ	ing this cover sheet.			
3. This re	eport is also accor	npanied by ANNEXES, c	omprising:				
a. 🛭	(sent to the	applicant and to the Interi	national Bureau) a total of 5	sheets, as follows:			
	sheets			n amended and are the basis for this report and/or Rule 70.16 and Section 607 of the Administrative			
	sheets the dis	which supersede earlier s		onsiders contain an amendment that goes beyond din item 4 of Box No. I and the Supplemental			
ь. [Box. [sent to the integral of	International Bureau only) a total of (indicate type and numl	per of electronic carrier(s))			
	•			, containing a sequence listing and/or tables			
		, in computer readable fo the Administrative Instru		olemental Box Relating to Sequence Listing (see			
4. This re	eport contains ind	ications relating to the fol	lowing items:				
\boxtimes	Box No. I	Basis of the report					
	Box No. II	Priority					
	Box No. III	Non-establishment of o	pinion with regard to novelty, inve	ntive step and industrial applicability			
	Box No. IV	Lack of unity of inventi		· · · · · · · · · · · · · · · · · · ·			
\boxtimes	Box No. V	Reasoned statement und	•	velty, inventive step or industrial applicability:			
	Box No. VI	Certain documents cited	. " I	•			
	Box No. VII	Certain defects in the in	ternational application	•			
	Box No. VIII	Certain observations on	the international application				
Date of submiss	ion of the demand	j	Date of completion of	this report			
Name and maili	ng address of the	IPEA/JP	Authorized officer	Authorized officer			
Facsimile No.			Telephone No.				

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2005/005962

Box	c No. I		Basis of the report	· .							
1.	With	n regard to	o the language, this report is based on the internatio er this item.	nal application in the language in	which it	was filed, unless otherwise					
This report is based on translations from the original language into the following											
			which is the language of a translation furnished for the purposes of:								
			sternational search (Rule 12.3 and 23.1(b))								
			ublication of the international application (Rule 12.4								
2.	With		international preliminary examination (Rule 55.2 and/or 55.3) gard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the								
۷.	rece	iving Offi report):	ice in response to an invitation under Article 14 ar	e referred to in this report as "o	priginally	filed" and are not annexed to					
		the inter	rnational application as originally filed/furnished.								
	\boxtimes	the desc	ription:		•						
		pages	1,4-10			as originally filed/furnished					
,		pages*	2,3,11,11/1	received by this Authority on	24.10	0.2005					
		pages*		received by this Authority on							
	\boxtimes	the clair	ms:								
		nos.	••••		1.1	as originally filed/furnished					
		nos.*		as amended (togethe	r with an	y statement) under Article 19					
		nos.*	1,2	received by this Authority on							
		nos.*									
				received by this Authority on							
		the draw		5							
		sheets	Fig. 1-7	· · · · · · · · · · · · · · · · · · ·	 ;	as originally filed/furnished					
		sheets*		received by this Authority on							
		sheets*		received by this Authority on							
		a sequer	nce listing and/or any related table(s) - see Supplement	ental Box Relating to Sequence L	isting.						
3.	\boxtimes	The amo	endments have resulted in the cancellation of:								
		th	e description, pages								
		M th	e claims, nos. 3,4	·							
		th	e drawings, sheets/figs								
		_ th	e sequence listing (specify):								
		an	ny table(s) related to sequence listing (specify):	,							
4.		This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).									
			e description, pages		Mar DOA	(Note 70.2(e)).					
		\Box									
		$\overline{}$	e drawings, sheets/figs	,		•					
			e sequence listing (specify):								
						•					
#	If ite	m 4 appli	ies, some or all of those sheets may be marked "supe								

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2005/005962

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1.	Statement				
	Novelty (N)	Claims	1, 2	YES	
		Claims		NO	
	Inventive step (IS)				
	invenieve step (15)	Claims	2	YES	
	•			NO	
	Industrial applicability (IA)	Claims	1, 2	YES	
		Claims		NO	
2.	Citations and explanations (Rule	70.7)			
	Document 1: JP	26463	317 B2 (H. Stoll GmbH & Co.), 27		
	Au	gust 3	1997		
	Document 2: WO	03/10	02285 Al (Shima Seiki Mfg., Ltd.), 1	1	
			r 2003		
	•		557 B2 (Shima Seiki Mfg., Ltd.), 29		
	,	*			
			r 1993		
			17 A (Paliz A.G.), 20 June 1967		
			0476 Y2 (Kabushiki Kaisha Shima Idea		
	Ce	nter),	, 25 May 1987		
	Claim 1				
	The invent	cion s	set forth in claim 1 is not denied		
	novelty or an	invent	ive step by documents 1 to 5.		
	Claim 2				
	The invent	cion s	set forth in claim 2 does not involve	Э	
	an inventive st	ep in	the light of documents 1 and 2.		
		_	s forth a movable sinker device,		
			ate (2) having a knitting yarn lockin	na	
		_	provided to a pair of fore and aft		

needle beds positioned planned symmetrically with respect

to a vertical plane of symmetry (6a) is rotated with a

rotating pivot point (2b) as a point of support.

International application No.
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Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Document 1 sets forth a movable sinker device, wherein an upper protrusion (17) and a lower protrusion (18) are provided to a opposing sinkers (15), and these protrusions protrude into the knit fabric pulling range and the newly formed knit fabric is tightened and held by the lower protrusion which faces the knit fabric. In addition, paragraph [0010] indicates that the lower protrusion (18) is formed by two protrusions (18, 19). Paragraph [0012] suggests that the shape of the upper protrusion is deformed so as to take on a function of a mesh-forming protrusion, and can be constituted to have a mesh-forming edge.

Here, the "mesh-forming edge", "protrusion (18)" and "protrusion (19)" correspond to the "mesh-forming edge", "first protrusion" and "second protrusion" of the invention set forth in claim 2 of this application.

Therefore document 1 sets forth a feature wherein two protrusions - a first protrusion and a second protrusion - are provided to the tip side from the mesh-forming edge of a sinker.

It would be easy for a person skilled in the art to conceive of the invention set forth in claim 2 by applying the feature set forth in document 1 to the movable sinker set forth in document 2.